INTERNATIONAL SEARCH REPORT

International Application No
PCT/EP2004/050876

A. CLASSI IPC 7	IFICATION OF SUBJECT MATTER H03F1/34				
According to	to International Patent Classification (IPC) or to both national class	sification and IPC			
	SEARCHED				
Minimum de IPC 7	ocumentation searched (classification system followed by classifi H03F	ication symbols)			
Documenta	ation searched other than minimum documentation to the extent th	nat such documents are included in the fields so	arched		
Electronic d	data base consulted during the international search (name of data	a base and, where practical, search terms used)		
C. DOCUM	ENTS CONSIDERED TO BE RELEVANT				
Category °	Citation of document, with Indication, where appropriate, of the	e relevant passages	Relevant to claim No.		
A	EP 1 235 344 A (NOKIA CORP) 28 August 2002 (2002-08-28) the whole document	8 August 2002 (2002-08-28)			
A	US 2003/031271 A1 (BOZEKI JOHN AL) 13 February 2003 (2003-02-) the whole document	1-17			
А	WO 01/63792 A (MOTOROLA ISRAEL ROZENTAL MARK (IL); BEN AYUN MO 30 August 2001 (2001-08-30) the whole document	1-17			
Furt	ther documents are listed in the continuation of box C.	χ Patent family members are listed	in anney		
		A series are inside	in diffex,		
"A" document defining the general state of the art which is not considered to be of particular relevance "E" earlier document but published on or after the international filling date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "O" document referring to an oral disclosure, use, exhibition or other means "P" document published prior to the international filling date but later than the priority date claimed "T" later document published after the international filling date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is combined with one or more other such document is combined with one or more other such documents, such combination being obvious to a person skilled in the art. "8" document member of the same patent family					
	e actual completion of the international search	Date of mailing of the international sea	· · · · · · · · · · · · · · · · · · ·		
2	25 August 2004	01/09/2004			
Name and	mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL – 2280 HV Rijswijk Tel. (+31–70) 340–2040, Tx. 31 651 epo nl, Fax: (+31–70) 340–3016	Authorized officer Dietsche. S			

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International A	Application No
PCT/EP20	004/050876

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